

WHAT IS CLAIMED IS:

1           1.    A method for associating a MSISDN with a temporary  
2    IP address within a service network, comprising the steps of:  
3               transmitting a start packet to a database  
4    associated with the service network, the start packet  
5    including a MSISDN and a temporary IP address of the mobile  
6    terminal; and  
7               storing the MSISDN and the temporary IP address in  
8    the database wherein the MSISDN and the temporary IP address  
9    are associated with each other responsive to the start  
10   packet.

1           2.    The method of Claim 1, further comprising the steps  
2    of:  
3               transmitting a stop packet to the database  
4    associated with the service network, the stop packet  
5    including the MSISDN and the temporary IP address of the  
6    mobile terminal; and  
7               deleting the stored MSISDN and the temporary IP  
8    address from the database responsive to the stop packet.

1           3. The method of Claim 2, wherein the step of  
2     transmitting further comprises the step of configuring an  
3     access server to transmit an account stop packet as the stop  
4     packet.

1           4. The method of Claim 2, wherein the step of  
2     transmitting further comprises the step of configuring a  
3     RADIUS server to transmit an account stop packet as the stop  
4     packet.

1           5. The method of Claim 4, further comprising the step  
2     of transmitting an acknowledgment packet from a server  
3     associated with the database responsive to the stop packet.

1           6. The method of Claim 1, wherein the step of  
2     transmitting further comprises the step of configuring an  
3     access server to transmit starting packet as the start  
4     packet.

1           7. The method of Claim 1, wherein the step of  
2     transmitting further comprises the step of configuring a  
3     RADIUS server to transmit an account starting packet as the  
4     start packet.

1           8. The method of Claim 7, further comprising the step  
2     of transmitting an acknowledgment packet from a server  
3     associated with the database responsive to the start packet.

1           9. The method of Claim 1, further comprising the step  
2     of:  
3             receiving a request for a service from the mobile  
4     terminal at a third server within the service network; and  
5             determining an MSISDN of the mobile terminal by  
6     accessing the database using the temporary IP address of the  
7     mobile terminal.

1           10. The method of Claim 9, further comprising the steps  
2 of:

3                 placing the determined MSISDN into an http header  
4 for applications within the service network using http; and  
5                 transmitting the http header to the application  
6 within the service network using http with a data packet.

1           11. The method of Claim 9, further comprising the step  
2 of accessing a user database for user parameters responsive  
3 to the determined MSISDN.

1           12. The method of Claim 1, wherein the method is used  
2 in at least one of an authentication process, a billing  
3 process, and a personalization process.

1           13. A system comprising:  
2           a first server associated with a wireless network  
3           for generating a start packet responsive to an access request  
4           from a mobile terminal, the start packet containing a MSISDN  
5           provided by the mobile terminal and an IP address assigned  
6           to the mobile terminal by the first server.  
7           a database associated with a service network having  
8           storage locations for a plurality of MSISDNs and associated  
9           assigned IP addresses; and  
10          a second server associated with the service network  
11          for retrieving the stored MSISDN the database responsive to  
12          an IP address in a service request from the mobile terminal.

1           14. The system of Claim 13, wherein the first server  
2           is located within a mobile switching center of the wireless  
3           network.

1           15. The system of Claim 13, further including a third  
2           server within the service network and associated with the  
3           database.

1           16. The system of Claim 13, wherein the first server  
2           comprises an integrated access system server.

1           17. The system of Claim 13, wherein the third server  
2           comprises a RADIUS accounting server.

1           18. The system of Claim 13, wherein the third server  
2           is configured to:

3                   receive the session start packet from the first  
4           server in response to an access request from the mobile  
5           terminal;

6                   store the MSISDN number and the temporary IP-  
7           address in the database.

1           19. The system of Claim 13, wherein the first server  
2           further generates a stop packet responsive to termination of  
3           a connection with the mobile terminal.

1           20. The system of Claim 13, wherein the system  
2           associates a MSISDN of a mobile terminal with a temporarily  
3           assigned IP address during at least one of an authentication  
4           process, a billing process and a personalization process.

1           21. A method, comprising the steps of:  
2           authenticating a mobile terminal accessing to a  
3           service network;  
4           generating a start packet containing a MSISDN and  
5           an IP address of the mobile terminal;  
6           storing the MSISDN and the IP address in the start  
7           packet in a database associated with the service network;  
8           determining the MSISDN of the mobile terminal using  
9           the IP address of the mobile terminal responsive to a request  
10          to a server in the service network from the mobile terminal.

1           22. The method of Claim 21, further including the step  
2           of obtaining user parameters from a user database in the  
3           service network using the determined MSISDN.

1           23. The method of Claim 21, wherein the step of  
2           transmitting further comprises the step of configuring a  
3           RADIUS server to transmit an account starting packet as the  
4           start packet.

1           24. The method of Claim 21, further comprising the step  
2 of transmitting an acknowledgment packet from a server  
3 associated with the database responsive to the start packet.

1           25. The method of Claim 21, further comprising the  
2 steps of:

3           placing the determined MSISDN into an http header  
4 for applications within the service network using http; and  
5           transmitting the http header to the application  
6 within the service network using http with a data packet.